

Weekly Report

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Work in this week

- 1、 I learned and summarized three papers about data wrangling(wrangler, profiler and proactive wrangling) which are all published by Stanford Vis Group. The three paper all present their novel systems and written, but the last one is based on the first one.

Some ideas different from each other:

Wrangler: it introduce an interactive system for creating data transformations. You can select the transformations suggested by the system.

Profiler: it integrates statistical analysis and visualizes it to aid discovery and assessment of data anomalies.

Proactive wrangling: it thinks that Wrangler etc. fall short in helping users formulate data transformation strategies.

- 2、 I learned some tutorials about d3.js, did some simple exercises and tried to write a bubble chart using it, but there are still some problems not dealt with very well. During this task, I consulted some things from Xinxin Huang.

Plan for next week

- 1、 Find some ideas about data wrangling.
- 2、 Try to realize the Wrangler system written in the paper.
- 3、 Go on to learn some javascript libraries.